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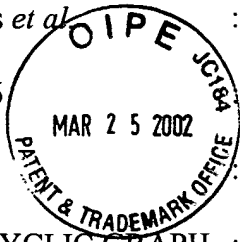
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Clewis *et al* : Date: March 20, 2002

Serial Number: 10/038,136 : Group Art Unit: 2171

Filed: October 26, 2001 : Examiner: Unknown

Title: DIRECTED NON-CYCLIC GRAPH : IBM CORPORATION
WALKING SYSTEM AND METHOD : Intellectual Property Law
: MD90/201-1
: 8501 IBM Drive
: Charlotte, NC 28262



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INFORMATION DISCLOSURE STATEMENT (IDS) UNDER 37 CFR 1.97

Commissioner For Patents
Washington, D. C. 20231

Dear Sir:

The attached Form PTO-1449, and any attached foreign patent office search report, provides a listing of information which may be relevant to the subject application. This IDS is not intended as a representation that better art is not available, nor that the information provided is prior art.

This IDS is submitted under:

X 37 CFR 1.97(b) - No Fee.

37 CFR 1.97(c) - No Fee. Each item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application. This communication is dated _____, which is not more than 3 months prior to the mailing of this statement.

37 CFR 1.97(c) - Fee.

37 CFR 1.97(d) - Fee, Certification & Petition.

The Commissioner is authorized to charge payments of any associated fees required under 37 CFR 1.17(p) and (i) (1) to Deposit Account No. 09-0469 (IBM).

Respectfully submitted,

By:

A handwritten signature in black ink, appearing to read "M.F. Hoffman".

Michael F. Hoffman

Registration No.: 40,019

Telephone No.: (518) 449-0044

2171

TRANSMITTAL LETTER (General Patent Pending)		Docket No. CHA920010006US1	
In Re Application Of: Clewis et al. 2002 MAR 15 2002 PATENT & TRADEMARK OFFICE			
Serial No. 10/038,136	Filing Date 10/26/2001	Examiner	Group Art Unit 2171
Title: DIRECTED NON-CYCLIC GRAPH WALKING SYSTEM AND METHOD			

TO THE ASSISTANT COMMISSIONER FOR PATENTS:

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Transmitted herewith is: Information Disclosure Statement (IDS) Under 37 CFR 1.97
Information Disclosure Citation (3 Pages)

in the above identified application.

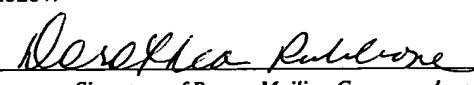
- ☒ No additional fee is required.
- ☐ A check in the amount of _____ is attached.
- ☒ The Assistant Commissioner is hereby authorized to charge and credit Deposit Account No. 09-0469 (IBM) as described below. A duplicate copy of this sheet is enclosed.
 - ☐ Charge the amount of _____
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 - ☐ Charge any additional fee required.



Signature

Dated: March 20, 2002

Michael F. Hoffman
Reg. No. 40,019
Hoffman, Warnick & D'Alessandro
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Albany, New York 12207
(518) 449-0044

I certify that this document and fee is being deposited on March 20, 2002 with the U.S. Postal Service as first class mail under 37 C.F.R. 1.8 and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.	
 Signature of Person Mailing Correspondence	
Dorothea Rubbone	
Typed or Printed Name of Person Mailing Correspondence	

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INFORMATION DISCLOSURE CITATION

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MAR 25 2002

ATTY DOCKET NO.
CHA920010 US1

SERIAL NO.
10/038,136

Applicant(s): Clewis et al.

FILING

10/26/2001

GROUP

#5

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	6,055,539	4/2000	Singh et al.			
	5,877,775	3/1999	Theisen et al.			
	5,761,667	6/1998	Koeppen			
	5,386,394	1/1995	Kawahara et al.			
	5,379,422	1/1995	Antoshenkov			

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FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
	WO 99/08170	2/1999	WO				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

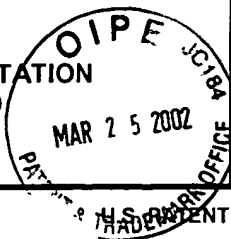
		Gamma, Helm, Johnson and Vlissides, "Design Patterns - Elements of Reusable Object-Oriented Software," ISBN 0-201-63361-2, pp. 293-303, 1995.
		Keqin, L., "A method for evaluating the expected load of dynamic tree embeddings in hypercubes," International Journal of Foundations of Computer Science, Vol. 11, No. 2, pp. 207-230, June 2000.

EXAMINER	DATE CONSIDERED
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION

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ATTY DOCKET NO.

CHA920010 JS1

SERIAL NO.

10/038,136

Applicant(s): Clewis et al.

FILING

10/26/2001

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U.S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

		Wagner, IA, Lindenbaum, M., Bruckstein, AM, "ANTS: agents on networks, trees, and subgraphs," Future Generation Computer Systems, Vol. 16, No. 8, pp. 915-926, June 2000.
		Wirth, HC, Steffan, J., "On minimum diameter spanning trees under reload costs," Graph-Theoretic Concepts in Computer Science, 25th International Workshop, WG'99, Proceedings (Lecture Notes in Computer Science Vol. 1665), Ascona, Switzerland, June 17-19, 1999.

EXAMINER	DATE CONSIDERED
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

